

System Checklist for Traffic Agreement Preparation

1. Is proposed signal in an existing Coordinated Signal System (Yes or No)? _____

If yes,

- Is existing system TBC or CLS (wired or wireless)? _____
- Does the addition of this intersection require a new timing plan for just this intersection, or plans for the entire system? _____
- Does the existing or new system require weekend timing plans? _____

2. Are traffic volumes available from a traffic study, or are new counts required? _____

3. Prepare agreement to include weekend traffic count.
4. Prepare agreement to include weekend timing plans.
5. Prepare agreement to include a day plan (Background/Off-Peak).
6. Prepare agreement to include peak hour traffic count.
7. Prepare agreement to include XX¹ number of timing plans.
8. Prepare agreement to include cable/or wireless plan.
9. Prepare agreement to include plan with signal timing (cycle/split/offset) parameters.
10. Prepare agreement to include graphic package.
11. Prepare agreement to include downloading of timing plans (field cabinets and/or central computer).

¹ The number of timing plans is to be determined by the Division Traffic Engineer/Regional Engineer.

Recommended Verbiage for the Inclusion of System Coordination Timings in Traffic Agreements

Generic Version

Project plans and traffic signal design shall be prepared by the Developer, and/or its consultant, including electrical and programming details, communications cable routing plans, utility make-ready plans, and coordination timing plans (including, but not limited to: providing Synchro files and programming data sheets; developing XX¹ coordination timing plans, graphics package; downloading coordination timing plans onto system cabinets and/or onto central computer at Division office).

Specific Version *

Project plans and traffic signal design shall be prepared by the Developer, including electrical and programming details, communications cable routing plans, utility make-ready plans, and coordination timing plans (including: developing Synchro files; providing programming data sheets; developing three peak hour, one background, and one weekend coordination timing plans; obtaining weekend counts; graphics package; downloading coordination timing plans into system controllers; and downloading system coordination package onto central computer at Division office).

* Example of possible system timing coordination items that could be specified by Division Traffic Engineer/Regional Engineer for a more detailed Traffic Agreement.

* Division should specify in the Traffic Agreement which party will be responsible for implementing the new timing plans.

¹ The actual number can be filled in by the Division

Other Items for Inclusion:

The Traffic Agreement should also include items/statements to cover the review, approval, and fine tuning aspects of the timing coordination plans (the statement could be all inclusive enough as to cover all the other project plan items as well – i.e. signal, electrical, communication, etc.). For example:

- For system timing review and approval;

“...said plans and designs shall be submitted to the Division Traffic Engineer for review and approval prior to any work being performed by the Developer...”

- For system timing fine tuning;

“...when coordination timing plans are installed, Developer shall fine tune system timings as approved by and/or until accepted by Division Traffic Engineer (or DTE can specify a minimum of XX² number of days/weekends)...”

The Traffic Agreement should also specify that no timing plans shall be made operational without prior approval of the Division Traffic Engineer.

² The actual number to be determined by the Division